

I Claim:

1. A tamper-evident seal, comprising:

a main body;

a flexible loop having a free end and a fixed end, said fixed end being attached to said main body;

5 a receptacle provided in said main body and configured to at least partially receive said free end of said flexible loop;

non-releasable engagement means for retaining said free end within said receptacle;

10 wherein said flexible loop is configured to fail before the non-releasable engagement means releases said free end.

2. The tamper evident seal according to claim 1, wherein said flexible loop is composed of nylon.

3. The tamper evident seal according to claim 2 wherein said body and said non-releasable engagement means are composed of a non-metallic material.

4. The tamper evident seal according to claim 1, wherein said flexible loop is configured to fail when subjected to a tensile force of between 5 and 18 lbs.

5. The tamper evident seal according to claim 1 wherein said flexible loop further comprises a region of diminished thickness configured to fail before said non-releasable engagement means releases said free end.

6. The tamper evident seal according to claim 1 wherein said flexible loop includes a notched portion configure to fail before the non-releasable engagement means releases said free end.

7. The tamper evident seal according to claim 1, wherein said non-releasable engagement means comprises:

a tapered head provided on said free end, said tapered head having a shoulder; and

at least two flanges provided on said receptacle, said flanges provided in a spaced

5 relationship to receive and retain said tapered head therebetween.